STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

| DIVISION OF OIL, GAS AND MINING AMENDED REPORT DIVISION OF OIL, GAS AND MINING | | | | | | | | | | | | | | | | |
|--|--|---|---------------|---|---|--------------------------------------|---------------------------------|---|------------------------|---|--------|------------|----------|--------------|--|--|
| APPLICATION FOR PERMIT TO DRILL | | | | | | | | | | 1. WELL NAME and NUMBER NBU 921-22F1CS | | | | | | |
| 2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WELL | | | | | | | | | | 3. FIELD OR WILDCAT NATURAL BUTTES | | | | | | |
| 4. TYPE OF WELL Gas Well Coalbed Methane Well: NO | | | | | | | | | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES | | | | | | |
| 6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P. | | | | | | | | | | 7. OPERATOR PHONE 720 929-6515 | | | | | | |
| 8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217 | | | | | | | | | | 9. OPERATOR E-MAIL julie.jacobson@anadarko.com | | | | | | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 0147566 11. MINERAL OWNERSHIP FEDERAL INDIAN | | | | | | | |) FEE | · | 12. SURFACE OWNERSHIP FEDERAL INDIAN STATE FEE | | | | | | |
| 13. NAME | OF SURFACE | 14. SURFACE OWNER PHONE (if box 12 = 'fee') | | | | | | | | | | | | | | |
| 15. ADDR | ESS OF SURFA | CE OWNER (if box | 12 = 'fee') | | | | | | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | | | | | | |
| | N ALLOTTEE O | R TRIBE NAME | | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS | | | | | 19. SLANT | | | | | | | |
| (if box 12 = 'INDIAN') Ute Indian Tribe | | | | | YES (Submit Commingling Application) NO | | | | | VERTICAL DIRECTIONAL HORIZONTAL | | | | | | |
| 20. LOCATION OF WELL | | | | FOOTAGI | OOTAGES | | QTR-QTR | | CTION | TOWNSHIP | RANGE | | MERIDIAN | | | |
| LOCATION AT SURFACE 707 | | | | | NL 1984 FWL | | NENW | | 22 | 9.0 S | 21.0 E | | S | | | |
| Top of Uppermost Producing Zone 1742 | | | | | FNL 2149 FWL | | SENW | | 22 | 9.0 S | 21.0 E | | S | | | |
| At Total Depth 1742 | | | | 2 FNL 214 | NL 2149 FWL | | SENW | | 22 | 9.0 S | 21.0 E | | S | | | |
| 21. COUN | TY | AREST LE | ASE LINE (F | eet) | | 23. NUMBER OF ACRES IN DRILLING UNIT | | | | | | | | | | |
| 25. DISTANCE TO NEAREST (Applied For Drilling or Cor | | | | | | | | | | 26. PROPOSED DEPTH MD: 11284 TVD: 11120 | | | | | | |
| 27. ELEVATION - GROUND LEVEL 4823 | | | | | 28. BOND NUMBER WYB000291 | | | | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496 | | | | | | |
| Hole, Casing, and Cement Information | | | | | | | | | | | | | | | | |
| String | Hole Size | Casing Size | Length | Weight | Grade & T | hread | | | Cement | | | Sacks | Yield | Weight | | |
| Surf | 11 | 8.625 | 0 - 2830 | 28.0 | J-55 LT | T&C | 0. | | - | Type V Class G | | 180 270 | 1.15 | 15.8 15.8 | | |
| Prod | 7.875 | 4.5 | 0 - 11284 | 11.6 | HCP-110 | LT&C | _T&C 13. | | Pre | mium Lite High Strength | | 340 | 3.38 | 12.0 | | |
| | | | | | | | | | | 50/50 Poz | | 1620 | 1.31 | 14.3 | | |
| | ATTACHMENTS | | | | | | | | | | | | | | | |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES | | | | | | | | | | | | | | | | |
| ₩ w | WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | | | | | | | | COMPLETE DRILLING PLAN | | | | | | | |
| AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | | | | | | | | FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER | | | | | | | | |
| I ✓ DII | DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | | | | | | | | TOPOGRAPHICAL MAP | | | | | | | |
| NAME La | ura Abrams | egulatory Analyst | lyst II PHONI | | | PHONE | E 720 929-6356 | | | | | | | | | |
| SIGNATURE | | | | | 4/27/2012 | | EMAIL Laura.Abrams@anadarko.com | | | | | | | | | |
| | BER ASSIGNED 047525700 | | | APPROVAL BOUNDES MOREOGRA | | | | | | | | | | | | |
| | | | | | | | | | Perm | it Manager | | | | | | |

T9S, R21E, S.L.B.&M. N89°38.3'W - 40.044 (G.L.O.) S89°50.6'W - 40.012 (G.L.O.) N89°35'05"W - 2642.95' (Meas.) N89°53'07"E - 2640.74' (Meás. ound 2006 Found 2006 Found 2006 Aluminum Aluminum Cap in Aluminum Cap Cap Near Fence Pile of Stones. with Stone Post N00°07'07"W (Basis of Bearings) 1984 **WELL LOCATION:** E - 2646.31' (Meas N0°09 5'W - 40 173(G.L.O.) N0°00.1'W - 40.094 (G.L.O. 2651.43' (Measured) **NBU 921-22F1CS** Well Surface ELEV. UNGRADED GROUND = 4823.4' Position Bottom of Hole 21491 Found 2006 Found 2006 Aluminum Aluminum Cap in Cap in Pile of Stones Pile of Stones NBU 921-22F1CS (Surface Position) NAD 83 LATITUDE = 40.026884° (40° 01' 36.784") N00°03'36"E - 2646.34' (Meas. N00°23'09"E - 2644 33' (Meas. LONGITUDE = 109.540220° (109° 32' 24.793") N0°01 1'E - 40.094(G.L.O.) N0°19.9'E - 40.067 (G.L.O.) NAD 27 LATITUDE = 40.026920° (40° 01' 36.911") LONGITUDE = 109.539532° (109° 32' 22.315") NBU 921-22F1CS (Bottom Hole) NAD 83 LATITUDE = 40.024040° (40° 01' 26.545") LONGITUDE = 109.539632° (109° 32' 22.676") NAD 27 LATITUDE = 40.024076° (40° 01' 26.672") LONGITUDE = 109.538944° (109° 32' 20.198") Found 2006 Aluminum Found 2006 Aluminum Found 2006 Aluminum Cap with Stone Under Cap in Pile of Stones, Cap in Pile of Stones near E/W Fence E/W Fence Under E/W Fence N89°43'14"W - 2636.24' (Meas.) N89°49'27"W - 2670.41' (Meas.) N89°52.1'W - 40.461 (G.L.O.) N89°46.5'W - 39.942 (G.L.O.) **NOTES:** = Section Corners Located 1. Well footages are measured at right angles to the SCALE Section Lines. 2. G.L.O. distances are shown in feet or chains. SURVEYOR'S CERTIFICATE 1 chain = 66 feet. 3. The Bottom of hole bears \$08°58'50"E 1049.34' THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED from the Surface Position. FROM FIELD NOTES OF ACTUAL SURVEYSMARDE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE 4. Bearings are based on Global Positioning Satellite observations. AND CORRECT TO THE BEST OF AN KNOWLEDGE AND BELIEF. 5. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'. SISTRATION NO 6028691 Kerr-McGee Oil & Gas Onshore, LP 1099 18th Street - Denver, Colorado 80202 (435) 789-1365 **WELL PAD: NBU 921-22C** TIMBERLINE ENGINEERING & LAND SURVEYING, INC. NBU 921-22F1CS 209 NORTH 300 WEST - VERNAL, UTAH 84078 **WELL PLAT** DATE SURVEYED: CONSULTING, LLC SHEET NO: SURVEYED BY: W.W. 7-19-11 1742' FNL, 2149' FWL (Bottom Hole) 2155 North Main Street DATE DRAWN: Sheridan WY 82801 DRAWN BY: T.J.R. SE $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 22, T9S, R21E, 8-22-11 Phone 307-674-0609 Date Last Revised: S.L.B.&M., UINTAH COUNTY, UTAH. SCALE: 1" = 10001 3 OF 18 Fax 307-674-0182